



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:												
Lined MSWLF	X	LCID		YW		Transfer		Compost	X	SLAS		COUNTY: Wilkes PERMIT NO.: 97-04 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods	X	Incineration		T&P	X	FIRM		
CDLF		Tire T&P / Collection	X	Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: October 9, 2013

Date of Last Inspection: September 26, 2012

FACILITY NAME AND ADDRESS:

Roaring River Municipal Solid Waste Landfill Facility
 9219 Elkin Highway
 Roaring river, North Carolina 28669

GPS COORDINATES: N: 36.21092 W: 80.98776

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Kent Brandon, Solid Waste Director
 Telephone: (336) 696-5806 (o) or (336) 927-3339 (m)
 Email address: kbrandon@wilkescounty.net

FACILITY CONTACT ADDRESS:

Post Office Box 389
 Roaring River, North Carolina 28669

PARTICIPANTS:

Phil Greene, Landfill Supervisor
 Kent Bandon, Solid Waste Director
 Charles Gerstell, NCDENR-Solid Waste Section

STATUS OF PERMIT:

A Permit to Operate the Roaring River MSW Landfill was issued to Wilkes County January 20, 2012. This permit approved the continued operation of Phases 1, 2, 3, and 4 of the municipal solid waste landfill, as well as the onsite environmental management and protection facilities as described in the approved plans. This permit shall expire on June 30, 2016.

PURPOSE OF SITE VISIT:

Comprehensive Inspection

STATUS OF PAST NOTED VIOLATIONS:

N/A

OBSERVED VIOLATIONS

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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ADDITIONAL COMMENTS

1. The facility currently has a service area of Wilkes County only.
2. The facility currently receives approximately 182 tons of municipal solid waste each operating day.
3. The facility operates a convenience area for the collection of mixed paper, plastic and glass bottles, cardboard, steel, aluminum, batteries, used oil, used oil filters, and antifreeze.
4. Electronics are collected and placed into a trailer at the convenience center.

Records Review:

5. The permit and operations plan were current and available upon request.
6. Financial Assurance Cost Estimate information and was approved by the Solid Waste Section on February 19, 2013.
7. Groundwater monitoring was being performed semi-annually as required. Reports for the second semi-annual sampling event for 2012 (performed on October 16th and Nov. 20th) and first semi-annual sampling event for 2013 (performed on April 16th) were verified.
8. Leachate sampling was being performed semi-annually as required. This testing is performed concurrently with groundwater monitoring.
9. Methane monitoring was being performed quarterly as required. Monitoring records for the first 3 quarters of 2013 (1/14/13, 4/16/13, and 7/22/13) were verified. No exceedences above applicable limits were observed.
10. Waste Screening reports were verified. Screenings were performed with good frequency and appeared to represent 1% of the waste stream. All reports continued to provide good documentation of unacceptable waste streams when observed and what actions were taken to properly dispose of the unacceptable material.
11. Scrap tire certification forms were reviewed. These forms appeared to be properly completed.
12. The facility keeps records of leachate pumped from the leachate pond which is disposed of at the Town of Wilkesboro Waste Water Treatment Plant. Leachate records for 2013 documented a total of 3,381.96 tons of leachate had been pumped out.
13. Certified Landfill Managers:
 - Kent Brandon (expires 7/16/15)
 - Phil Greene (expires 5/6/14)
 - Andria Van Wy (expires 6/8/15)
14. Certified Landfill Operations Specialists:
 - Rodney Caudill (expires 4/14/15)
 - Mike Miller (expires 4/14/15)
 - Steven W. Shumate (expires 8/21/15)
 - Linda Souther (expires 8/21/5)

Operations Inspection of the MSWLF Unit:

15. Waste was being placed into Phase 4 at the time of inspection.
16. The active working face was small and compact at the time of inspection.
17. No unacceptable waste streams were observed within the active working face.
18. Windblown waste was well maintained. However, some buildup of windblown waste was observed at the toe of the north fill slope. This waste must be picked up and returned to the working face. Windblown material was being picked up at the time of inspection.
19. The use of a fabric tarp as alternate daily cover is approved for this facility. Tarps were not being used as cover at the time of inspection.
20. Ponding was observed in multiple locations on the west side of the landfill and toward the southwest corner. This was the result of recent heavy rains. Be sure these areas are repaired in order to prevent future ponding.

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21. During the inspection, the north facing slope of the landfill was found to be quite steep (greater than 2:1) and bare of vegetation. As there are no plans to perform additional grading to these slopes within the next 12 months, the slopes must be stabilized with a groundcover sufficient to restrain erosion.
- The north slope of the landfill should be closely monitored for any signs of settlement or sliding. Should such issues be observed, corrective action will be needed to prevent further degradation of the slope.
22. Inactive portions of the landfill were in need of vegetation at the time of inspection. Mr. Greene explained that plans were to seed inactive portions of the landfill within the next week.
23. Edge of liner makers were in place at the time of inspection.
24. All access roads were maintained in good, operational condition.
25. Two slope drains were in place on the west side of the landfill to carry water over the exposed slopes in a non-erosive manner. Please be aware that water that contacts waste is considered leachate and should be prevented from entering the slope drains.

Operations Inspection of the Treatment and Processing Area:

26. The facility places land clearing waste and wooden pallets into separate piles for grinding. All ground material is used on site and is not distributed to the public.
27. Multiple loads of grass clippings were observed adjacent to the land clearing debris stockpile. This waste along with leaves and yard clippings must be kept in a separate pile and composted. Be sure temperatures are kept and recorded regularly for compost material. Mr. Greene stated staff would keep this material in a separate pile in the future.
- As a reminder, this facility is permitted to operate a Type 1 Composting Unit. All yard trash including grass clippings and leaves, and landscaping material must be managed in compliance with the approved operations plan, permit, and rules for Type 1 Compost Facilities.
28. No ground material was on site at the time of inspection.

Operations Inspection of the Tire Collection Area:

29. This area was well managed at the time of inspection. All tires were being collected into covered trailers and were being stored properly.

Operations Inspection of the White Goods Area:

30. All white goods containing chlorofluorocarbons (CFCs) are stored adjacent to the recycling collection area. After CFCs are removed, the white goods are taken to the scrap metal area. No white goods containing CFCs were on site at the time of inspection.

Please contact me if you have any questions or concerns regarding this inspection report.



Charles T. Gerstell
Environmental Senior Specialist
Regional Representative

Phone: (704) 235-2144

Sent on: <u>10/17/13</u>	<input checked="" type="checkbox"/>	Email		Hand delivery		US Mail		Certified No.
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Copies: Jason Watkins, Western District Supervisor
Sarah M. Rice, Compliance Officer